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(54) Title: STABILIZATION OF THE PROFILE OF RELEASE OF ACTIVE SUBSTANCES FROM A FORMULATION

(57) Abstract: The invention discloses a method of a physical pre-treatment of an active substance, which modifies technologically important physical properties of the active substance so as to enable the manufacture of a formulation having a more stable release profile of the active substance over the whole shelf life of the medicine than the profile would be with the same composition, but without pre-treatment.

INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K9/20 A61K9/36 A61K9/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHEDMinimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EP0-Internal, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 415 522 A (GLAXO GROUP LIMITED) 6 March 1991 (1991-03-06) the whole document ---	1,2,9
A	WO 00 48607 A (LEK) 24 August 2000 (2000-08-24) cited in the application page 9; example 4 ---	1-12,18, 19
A	WO 97 16174 A (ABBOTT LABORATORIES) 9 May 1997 (1997-05-09) claims 1,4,8,17,19 ---	1-12,18, 19
A	EP 0 171 528 A (PENNWALT) 19 February 1986 (1986-02-19) claims ---	13-17,20
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/SI/03/00025

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 454 396 A (E.R.SQUIBB & SONS) 30 October 1991 (1991-10-30) cited in the application claims -----	13-17, 20

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SI 03/00025

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-12,18,19

Method for physical pre-treatment of an active substance by modifying technologically important physical properties of the active substance and the corresponding pharmaceutical formulation.

2. Claims: 13-17,20

Method of physical pre-treatment of an active substance characterised by a coating of a core containing the said pre-treated substance. A special film coating composition "per se".

INTERNATIONAL SEARCH REPORT
Information on patent family membersInternational Application No
PCT/SI 03/00025

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